

IN THE ABSTRACT

Please replace the present abstract with the following:

ABSTRACT OF THE DISCLOSURE

Systems and methods are described for digital subscriber loop repeaters. A method of transforming a digital subscriber loop signals includes ~~providing the digital subscriber loop signal; and increasing a gain of the digital subscriber loop signal with a digital subscriber loop repeater~~ including: isolating an upstream signal band by passing an upstream signal through an upstream pass filter; amplifying the isolated upstream signal with an upstream amplifier; isolating a downstream signal band by passing a downstream signal through a downstream pass filter; and amplifying the isolated downstream signal with a downstream amplifier. The systems and methods provide advantages because DSL can be provided over long loops and/or over coil loaded loops.